

2131

PATENT  
ATTY. REF. NO. P0468

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

Jun Tian

Serial No.: 10/035,830

Filed: October 18, 2001

Examiner: A. Sheikh

For: CONTENT AUTHENTICATION AND  
RECOVERY USING DIGITAL  
WATERMARKS

Date: September 9, 2003

Art Unit 2131

**CERTIFICATE OF MAILING**

I hereby certify that this paper and the documents referred to as being attached or enclosed herewith are being deposited with the United States Postal Service on September 9, 2003, as First Class Mail in an envelope addressed to: COMMISSIONER FOR PATENTS, P.O. BOX 1450, ALEXANDRIA, VA 22313-1450.

William Y. Conwell  
Attorney for Applicant

**RECEIVED**

SEP 15 2003

Technology Center 2100

COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, VA 22313-1450

Applicants submit herewith information of which they are aware, and which they believe may be material to the examination of the application and in respect of which there may be a duty to disclose in accordance with 37 C.F.R. § 1.56. The information is listed on the attached Form PTO-1449 and copies are enclosed.

The submission of information on the attached Form PTO-1449 is not intended as an admission that any such information constitutes prior art against the claims of the application under examination. Applicants do not waive any right to take any appropriate action to antedate or otherwise remove any information from the attached Form PTO-1449.

No fee is required since this document is being submitted prior to the date of a first Office action.

If a first Office action on the merits was mailed prior to the mailing of this Information Disclosure Statement, please charge to Deposit Account No. 50-1071 any fees that may be required for considering this Information Disclosure Statement under 37 C.F.R. § 1.17(p).

Respectfully submitted,

Date: September 9, 2003

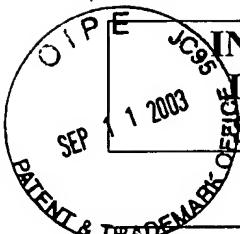
**Customer Number 23735**

Phone: 503-885-9699  
FAX 503-885-9880

DIGIMARC CORPORATION

By \_\_\_\_\_

William Y. Conwell  
Registration No. 31,943


**INFORMATION  
DISCLOSURE  
STATEMENT**

Docket: P0468	Ser. No. 10/035,830
Applicant: Jun Tian	
Filed: October 18, 2001	Group: 2131

**US Patent Documents**

Ex'r Initial	Number	Date	Inventor	Class
	4750173	6/7/88	Bluthgen	
	5146457	9/8/92	Veldhuis et al.	
	6192138	2/20/01	Yamadaji	
	6215421	4/10/01	Kondo et al.	SEP 1 5 2003
	6278791	8/21/01	Honsinger et al.	
	6490681	12/3/02	Kobayashi et al.	Technology Center 2100
	6523114	2/18/03	Barton	
	6546139	4/8/03	Kondo et al.	
	2001/0021260	9/13/01	Chung et al.	
	2001/0044899	11/22/01	Levy	
	2001/0054146	12/20/01	Carro et al.	
	2002/0027994	3/7/02	Katayama et al.	
	2002/0040433	4/4/02	Kondo	
	2002/0059520	5/16/02	Murakami et al.	
	2002/0083324	6/27/02	Hirai	
	2002/0171853	11/21/02	Wu	

**RECEIVED**

 SEP 1 5 2003  
 Technology Center 2100

**Foreign Patent Documents**

Ex'r Initial	Number	Date	Country	Class
	99/17537	4/8/99	WO	

**Other References**

Ex'r Initial	Cite
	De Vleeschouwer et al, "Circular interpretation of histogram for reversible watermarking," IEEE Fourth Workshop on Multimedia Signal Processing, pp. 345-50, October, 2001.
	Fridrich et al, "Invertible authentication," Proc. SPIE, Vol. 4314, pp. 197-208, January, 2001.
	Fridrich et al, "Invertible authentication watermark for JPEG images," Proc. IEEE Int'l Conf on Information Technology: Coding and Computing, pp. 223-7, April, 2001.
	Goljan et al, "Distortion-free Data Embedding," 4th Information Hiding Workshop, LNCS vol. 2137, pp. 27-41, April, 2001.

Examiner Signature:

Date Considered:

\*Examiner: Initial if considered, whether or not in conformance with MPEP 609; draw line through cite if not in conformance and not considered. Include copy of this form with next communication to applicant.